

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 99/18541

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B26B21/44 B65D83/14

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B26B B65D B05B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3 053 422 A (TENISON) 11 September 1962 (1962-09-11)  column 2, line 6 -column 5, line 4; figures 1-3	1,2, 5-10, 12-14,34
A	---	26
X	US 5 234 140 A (DEMAREST SCOTT W ET AL) 10 August 1993 (1993-08-10)  column 1, line 54 -column 6, line 12; figures 1-12	1,2, 5-10, 12-14,34
A	--- -/--	26

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

10 November 1999

Date of mailing of the international search report

17/11/1999

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 238 882 A (HARRISON JACK R SR) 16 December 1980 (1980-12-16) cited in the application column 3, line 29 -column 6, line 29; figures 1-5 ---	1,8,15, 26
A	DE 43 35 449 A (FRICK HANS RUEDI ;FREI ALFONS (CH)) 21 April 1994 (1994-04-21) the whole document -----	15

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Information on patent family members

International Application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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